JC03 Rec'd PCT/PTO 30 SEP 2005

FORM PTO-1390 (REV 10-2003) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 USC § 371

DATE: 30 September 2005

ATTORNEY DOCKET NUMBER: 58666US005

U.S. APPLICATION NO. (If known, see 37 CFR § 1.5): 10/551593

INTERNATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED
PCT/US2004/008522	19 March 2004	16 April 2003

TITLE OF INVENTION

ACRYLIC-BASED THERMALLY CONDUCTIVE COMPOSITION AND THERMALLY CONDUCTIVE SHEET

APPLICANT(S) FOR DO/EO/US

Yuji Hiroshige and Yoshinao Yamazaki

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 USC § 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 USC § 371.
3. ☐ This is an express request to begin national examination procedures (35 USC § 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☐ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 USC § 371(c)(2)).
   a. ☐ is attached hereto (required only if not communicated by the International Bureau).
   b. ☐ has been communicated by the International Bureau.
   c. ☒ is not required, as the application was filed in the United States Receiving Office (RO/US)
6. ☐ An English language translation of the International Application as filed (35 USC § 371(c)(2)).
   a. ☐ is attached hereto
   b. ☐ has been previously submitted under 35 USC § 154(d)(4)
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 USC § 371(c)(3))
   a. ☐ are attached hereto (required only if not communicated by the International Bureau).
   b. ☐ have been communicated by the International Bureau
   c. ☐ have not been made; however, the time limit for making such amendments has NOT expired
   d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 USC § 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 USC § 371 (c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 USC §§ 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR §§ 1.97 and 1.98.
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A preliminary amendment.
14. ☐ An Application Data Sheet under 37 CFR § 1.76.
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13*ter*.2 and 37 CFR §§ 1.821 – 1.825.
18. ☐ A second copy of the published international application under 35 USC § 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 USC § 154(d)(4).
20. ☐ Other items or information:

Filing of Papers and Fees by Express Mailing

Pursuant to 37 CFR § 1.10, this application and the documents and fees listed on this transmittal letter are being deposited on the date indicated below with the United States Postal Service "Express Mail Post Office to Addressee" service addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Date of Deposit	Express Mail Label No.
30 September 2005	EV701770830US

☒ Customer Number for
Correspondence Address: **32692**

U.S. APPLICATION NO. (if known, see 37 CFR § 1.5)	INTERNATIONAL APPLICATION NO.	ATTORNEY'S DOCKET NO.
10/551593	PCT/US2004/008522	58666US005

The following fees are submitted: :	Calculaltions	PTO Use Only
21. ☒ Basic national fee (37 CFR 1.492(a)) $300	$ 300.00	
22. ☒ Examination fee (37 CFR 1.492(c))		
If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) $0	$	
All other situations $200	$ 200.00	
23. ☒ Search fee (37 CFR 1.492(b))		
If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) $0	$	
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority $100	$	
International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB $400	$ 400.00	
All other situations $500	$	
TOTAL OF 21, 22, and 23	**$ 900.00**	
☐ Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence lisitng or computer program listing filed in an electronic medium). The fee is **$250** for each additional 50 sheets of paper or fraction thereof.		

SHEET CALCULATION	NUMBER FILED		EXTRA	RATE	Fees	
Size Fee for each add'l 50 sheets of application over 100	19	- 100	0	$ 250.00	$ 0.00	
Surcharge of $130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR § 1.492(e))					$ 0.00	

CLAIMS	NUMBER FILED		EXTRA	RATE	Fees	
Total claims	20	- 20 =	0	x $ 50.00	$ 0.00	
Independent claims	1	- 3 =	0	x $200.00	$ 0.00	
Add'l fee for one or more multiple dependent claims				$360.00	$ 0.00	
TOTAL AMOUNT DUE					**$ 900.00**	
☐ Applicant claims small entity status. See 37 CFR § 1.27 The fees indicated above are reduced by 1/2					$ 0.00	
SUBTOTAL					**$ 900.00**	
Processing fee of $130.00 for furnishing the English translation later than 30 months from the earliest priority date (37 CFR § 1.492(f))					$ 0.00	
TOTAL NATIONAL FEE					**$ 900.00**	
Fee for recording the enclosed assignment (37 CFR § 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR §§ 3.28, 3.31). $40.00 per property					$ 0.00	
TOTAL FEES ENCLOSED					**$ 900.00**	
					Amount to be refunded	$
					Amount to be charged	**$900.00**

a. ☐ A check in the amount of $_____ to cover the above fees is enclosed.

b. ☒ Please charge my Deposit Account No. 13-3723 in the amount of $900.00 to cover the above fees. A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 13-3723 A duplicate copy of this sheet is enclosed

NOTE: Where an appropriate time limit under 37 CFR § 1.495 has not been met, a petition to revive (37 CFR § 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

Signature

Name: **Dean M. Harts**

Registration Number: **47,634**

Address

Office of Intellectual Property Counsel
3M Innovative Properties Company
P.O. Box 33427
St. Paul, Minnesota 55133-3427